

Day : Friday
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PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = WALZ

First Name = KEVIN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 11
60535648	Not Issued	020	01/12/2004	WALZAK'S MANGO PREPARER	WALZAK, KEVIN L.
29132371	D455786	150	11/07/2000	TRAY	WALZ, KEVIN
29132370	D450220	150	11/07/2000	PLATTER	WALZ, KEVIN
29132330	D448197	150	11/07/2000	CHAIR	WALZ, KEVIN
29082150	D405209	150	01/15/1998	PENDANT LAMP	WALZ , KEVIN R.
29082139	D407172	150	01/15/1998	STANDING LAMP	WALZ , KEVIN R.
29082121	D405208	150	01/15/1998	PENDANT LAMP	WALZ , KEVIN R.
29082120	D405910	150	01/15/1998	WALL WASH MODULE	WALZ , KEVIN R.
29082119	D403458	150	01/15/1998	WALL SCONCE	WALZ , KEVIN R.
29082107	D403457	150	01/15/1998	WALL SCONCE	WALZ , KEVIN R.
10672830	Not Issued	030	09/26/2003	LAMINATE MATERIALS FOR FURNITURE AND FURNITURE PIECES INCORPORATING THE SAME	WALZ, KEVIN RANDALL

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="Walz"/>	<input type="text" value="Kevin"/>	<input type="button" value="Search"/>

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 6749921 B1

AB: The present invention relates to wood that is reinforced with a fiber-reinforced thermoplastic composite that contains a plurality of substantially parallel continuous fibers impregnated with thermoplastic polymer having the following structural units: ##STR1##

where Z is S or O, and Z' is S, O, N-alkyl or NH The invention is useful in a variety of applications including glue-laminated structures, laminated veneer lumber, reinforced I-beams, parallel strand lumber, reinforced particle board, and ladders. The use of a thermoplastic polyurethane, particularly the high Tg thermoplastic polyurethane as the impregnating resin provides a means of recycling and reusing the reinforced lumber, as well as shaping the composite in ways that would be impossible using conventional fiber-reinforced thermoset composites.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. Des
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☐ 2. Document ID: US 6592962 B2

AB: The present invention relates to wood that is reinforced with a fiber-reinforced thermoplastic composite that contains a plurality of substantially parallel continuous fibers impregnated with thermoplastic polymer having the following structural units: ##STR1##

where Z is S or O, and Z' is S, O, N-alkyl or NH The invention is useful in a variety of applications including glue-laminated structures, laminated veneer lumber, reinforced I-beams, parallel strand lumber, reinforced particle board, and ladders. The use of a thermoplastic polyurethane, particularly the high Tg thermoplastic polyurethane as the impregnating resin provides a means of recycling and reusing the reinforced lumber, as well as shaping the composite in ways that would be impossible using conventional fiber-reinforced thermoset composites.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. Des
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☐ 3. Document ID: US 6565959 B1

AB: A high strength, high modulus fiber is applied to uncured adhesive in the glueline of a laminar wood beam as an anti-sag agent and

for improved shear strength, creep resistance, and gapability. In one embodiment, discontinuous fibers are evenly applied over the adhesive at approximately 0.25 to 1.35 wt % fiber. The applied fibers are chopped fibers of aramid, carbon, glass, or other high strength, high modulus fiber and are applied in lengths of approximately 0.025 to 2.54 centimeters. In another embodiment, discontinuous fibers are used as an additive to a resin matrix for reconstituted fiber products to control dimensional change. In a third embodiment, continuous fibers are used in the glueline in a pretensioned or an untensioned way to improve shear resistance, creep resistance, and strength.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw. Des.
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☐ 4. Document ID: US 6037049 A

AB: A method of manufacturing a glue laminated structural wood member for bearing a structural load includes bonding together multiple elongate wood segments and a synthetic fiber reinforcement with their lengths generally aligned with the length of the member. The synthetic fiber reinforcement includes multiple synthetic fiber strands held within a resin matrix and low cost fiber edges.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw. Des.
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☐ 5. Document ID: US 5744228 A

AB: A high strength, high modulus fiber is applied to uncured adhesive in the glueline of a laminar wood beam as an anti-sag agent and for improved shear strength, creep resistance, and gapability. In one embodiment, discontinuous fibers are evenly applied over the adhesive at approximately 0.25 to 1.35 wt % fiber. The applied fibers are chopped fibers of aramid, carbon, glass, or other high strength, high modulus fiber and are applied in lengths of approximately 0.025 to 2.54 centimeters. In another embodiment, discontinuous fibers are used as an additive to a resin matrix for reconstituted fiber products to control dimensional change. In a third embodiment, continuous fibers are used in the glueline in a pretensioned or an untensioned way to improve shear resistance, creep resistance, and strength.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw. Des.
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☐ 6. Document ID: US 5064592 A

AB: The invention relates to a process of producing a surface hardened woody decorative sheet by reacting a cellulose material such as a wood flour, a wood chip, a chaff, etc., with a dibasic acid anhydride and

a monoepoxy compound having a polymerizable double bond to form a setting composition mainly composed of an oligoesterified cellulose material having a polymerizable double bond and an oligomer having a polymerizable double bond, placing in layer the setting composition on a woody sheet, and hot-pressing them to integrate the setting composition and the woody sheet in a body.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Full Text	Claims	KWIC	Draw. Des
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